

GIS REGISTRY INFORMATION

SITE NAME:	Mona Marquardt Residence			FID #	
BRRTS #:	03-09-337970			(if appropriate):	
COMMERCE # (if appropriate):	54724-6156-03				
CLOSURE DATE:	July 21, 2003				
STREET ADDRESS:	22103 87th St				
CITY:	Bloomer				
SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):				X =	401622
				Y =	522391
CONTAMINATED MEDIA:	Groundwater		Soil	X	Both
OFF-SOURCE GW CONTAMINATION >ES:	Yes		No	X	
• IF YES, STREET ADDRESS:					
• GPS COORDINATES (meters in WTM91 projection):					
		X =		Y =	
OFF-SOURCE SOIL CONTAMINATION		Yes		No	X
>Generic or Site-Specific RCL (SSRCL):					
• IF YES, STREET ADDRESS 1:					
• GPS COORDINATES (meters in WTM91 projection):					
		X =		Y =	
CONTAMINATION IN RIGHT OF WAY:		Yes		No	X
<u>DOCUMENTS NEEDED</u>					
Closure Letter, and any conditional closure letter issued					X
Copy of most recent deed, including legal description, for all affected properties					X
Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties					
County Parcel ID number, if used for county, for all affected properties					
Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.					X
Detailed Site Map(s) for all affected properties , showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.					X
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)					X
Tables of Latest Soil Analytical Results (no shading or cross-hatching)					X
Isoconcentration map(s), if required for site investigation (SI) (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. If not available, include the latest extent of contaminant plume map.					
GW: Table of water level elevations, with sampling dates, and free product noted if present					
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)					
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour					
Geologic cross-sections, if required for SI. (8.5x14' if paper copy)					
RP certified statement that legal descriptions are complete and accurate					X
Copies of off-source notification letters (if applicable)					
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)					
Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure					



ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
2715 Post Road
Stevens Point, Wisconsin 54481
TDD #: (608) 264-8777
Fax #: (715) 345-5225
<http://www.commerce.state.wi.us>
<http://www.wisconsin.gov>
Jim Doyle, Governor
Cory L. Nettles, Secretary

July 21, 2003

Mona Marquardt
22103 87th St
Bloomer, WI 54724

RE: **Final Closure**

Commerce # 54724-6156-03 **WDNR BRRTS # 03-09-337970**
Mona Marquardt Residence, 22103 87th St, Bloomer

1-UST: 1-1000 gallon fuel oil

Dear Ms. Marquardt:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, Ayres Associates, for the site referenced above. Commerce has determined that this site does not pose a significant threat to the environment and human health. No further investigation or remedial action is necessary.

This site is now listed as "closed" on the Commerce database. This letter serves as your written notice of "no further action". Timely filing of your final PECFA claim (if applicable) is encouraged. If your PECFA claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

It is in your best interest to keep all documentation related to the environmental activities at your site. If residual contamination is encountered in the future, appropriate measures must be implemented to assure that it is managed following all applicable regulations. If future site conditions indicate that any remaining contamination poses a threat, and subsequent information indicates a need to reopen this case, any original claim under the PECFA fund would also reopen and you may apply for assistance to the extent of remaining eligibility.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (715) 345-5307.

Sincerely,

A handwritten signature in black ink, appearing to read 'Tim Zeichert', written over a horizontal line.

Tim Zeichert
Hydrogeologist
Site Review Section

cc: Marcia R. Sivek, Ayres Associates
Case File

DOCUMENT NO.

517767

WARRANTY DEED

STATE BAR OF WISCONSIN FORM 2—1982

INDEXED

THIS SPACE RESERVED FOR RECORDING DATA

Registers Office
Chippewa County, WI } 38

Received for Record

the 25 day of May

A.D. 1993 at 930 o'clock a.m.

and recorded in vol. 745

of Records Page 184

Catherine M. Rogcraft

Register

MONA MARQUARDT, a single person, a/k/a
Mona B. Marquardt,conveys and warrants to DONALD MARQUARDT and LYNN
MARQUARDT, as tenants in commonthe following described real estate in Chippewa County,
State of Wisconsin:

Tax Parcel No:

The South Half (S½) of the South Half (S½) of the North Half (N½) of the
Northeast Quarter (NE¼) of Section Seventeen (17), Township Thirty-one
(31) North of Range Nine (9) West; andThe Southeast Quarter (SE¼) of the Northeast Quarter (NE¼) of Section
Seventeen (17), Township Thirty-one (31) North of Range Nine (9) West; andThe East Half (E½) of the Southeast Quarter (SE¼) of Section Seventeen (17)
Township Thirty-one (31) North of Range Nine (9) West; andThe Northeast Quarter (NE¼) of the Northeast Quarter (NE¼) of Section Twenty
(20), Township Thirty-one (31) North of Range Nine (9) West subject to reserva-
tion of a strip of two rods as shown in the deed recorded in Volume 89 on
page 585

and including all personal property located on the above described real estate.

Reserving unto the Grantor a Life Estate in said property.

Grantor agrees to pay all real estate taxes, insurance and maintenance on
the property during the time she resides thereon and is entitled to all
land rents therefrom

Exemption #8--between parent and child for nominal or no consideration

This is homestead property.

(is) (is not)

Exception to warranties: none

Dated this 24th day of May, 1993

(SEAL)

* Mona Marquardt (SEAL)

(SEAL)

* Mona Marquardt, a/k/a Mona B.
Marquardt (SEAL)

AUTHENTICATION

Signature of MONA MARQUARDT

Signature of MONA MARQUARDT, a
single person, a/k/a Mona B.
Marquardt

authenticated this 24th day of May, 1993

Russell R. Falkenberg

* Russell R. Falkenberg

TITLE: MEMBER STATE BAR OF WISCONSIN

XXXXXXX St. Bar # 1008353

XXXXXXX St. Bar # 1008353

THIS INSTRUMENT WAS DRAFTED BY

FALKENBERG & ISAACSON, Attys.

Box 97, Cadott, WI 54727

(Signatures may be authenticated or acknowledged. Both
are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN

ss.

County.

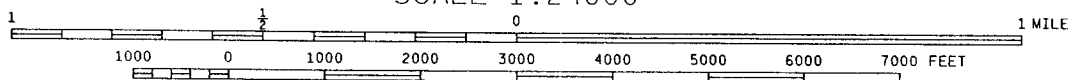
Personally came before me this day of
19 the above namedto me known to be the person who executed the
foregoing instrument and acknowledge the same.Notary Public County, Wis.
My Commission is permanent. (If not, state expiration
date: 19)



NOTE: THIS DRAWING WAS PREPARED IN COLOR. REPRODUCTION BY MEANS OTHER THAN EQUIVALENT COLOR COPYING MAY CAUSE SOME DATA TO BE LOST OR MISREPRESENTED.

USGS MAP: NEW AUBURN QUADRANGLE 1975

SCALE 1:24000



NORTH

K:\WASTE\101384US.DGN

MONA MARQUARDT PROPERTY
BLOOMER, WISCONSIN

DRN. BY: *JGS* JGS

CHK. BY: *MCA* MRS

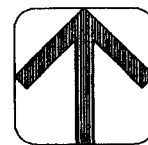
DATE: JAN 2003

AVRES
ASSOCIATES

LOCATION MAP

FIGURE

1



NORTH

0 10

TREES

MARQUARDT RESIDENCE

87TH STREET

(30-35 ft WEST
OF HOUSE)

WATER TANK
(APPROXIMATE LOCATION
IN BASEMENT)

24mg/kg NAPHTHALENE
1700mg/kg DRO

CS-4 ▲

■ TMW

PORCH

STEPS

CS-1 ▲
190mg/kg DRO
2.1mg/kg NAPHTHALENE

CS-5 ▲
(BOTTOM)
370mg/kg DRO
3.3mg/kg NAPHTHALENE

CS-3 ▲
<4.8mg/kg DRO

CS-2 ▲
<4.4mg/kg DRO

GRASS

NORTH EDGE OF DRIVEWAY

DIRT/GRAVEL DRIVEWAY

NOTE: THIS DRAWING WAS PREPARED
IN COLOR. REPRODUCTION BY
MEANS OTHER THAN EQUIVALENT
COLOR COPYING MAY CAUSE
SOME DATA TO BE LOST OR
MISREPRESENTED.

LEGEND:

▲ CS-1 CONFIRMATION SAMPLE
370mg/kg DRO DIESEL RANGE ORGANICS
■ TMW HAND AUGER SOIL BORING

K: /WASTE/10138402.DGN

MARQUARDT RESIDENCE
22103 87TH STREET
BLOOMER, WISCONSIN

DRN. BY: JGS

CHK. BY: JMS

DATE: MAY 2003

AVRES
ASSOCIATES

SOIL CONFIRMATION
SAMPLE LOCATION

FIGURE

2

\$PEN\$

05/21/03

D:\WASTE\10138402.dgn

4R
80

photo section town range

E-10

17

31N

9W

NOT TO SCALE
CROP YR 1988

SUBJECT
PROPERTY

17

E-10

T-4029

T-4027

31N

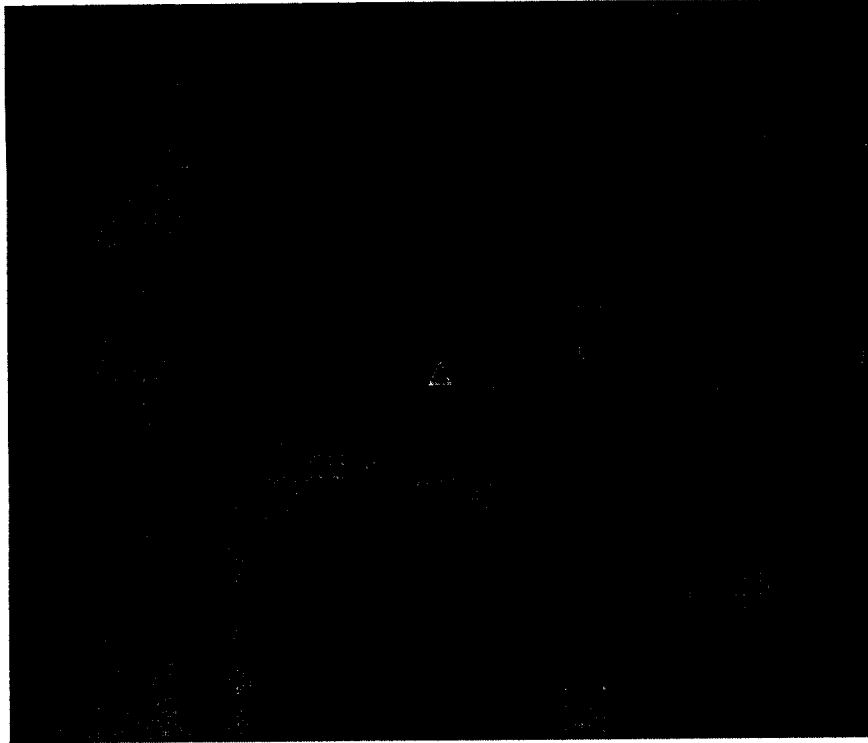
T-4028

E-274

20

MARQUARDT RESIDENCE

Scale 1 : 719



Please read the documentation for more information.

▲ WTM coordinates: 401622, 522391

Mona Marquardt Residence

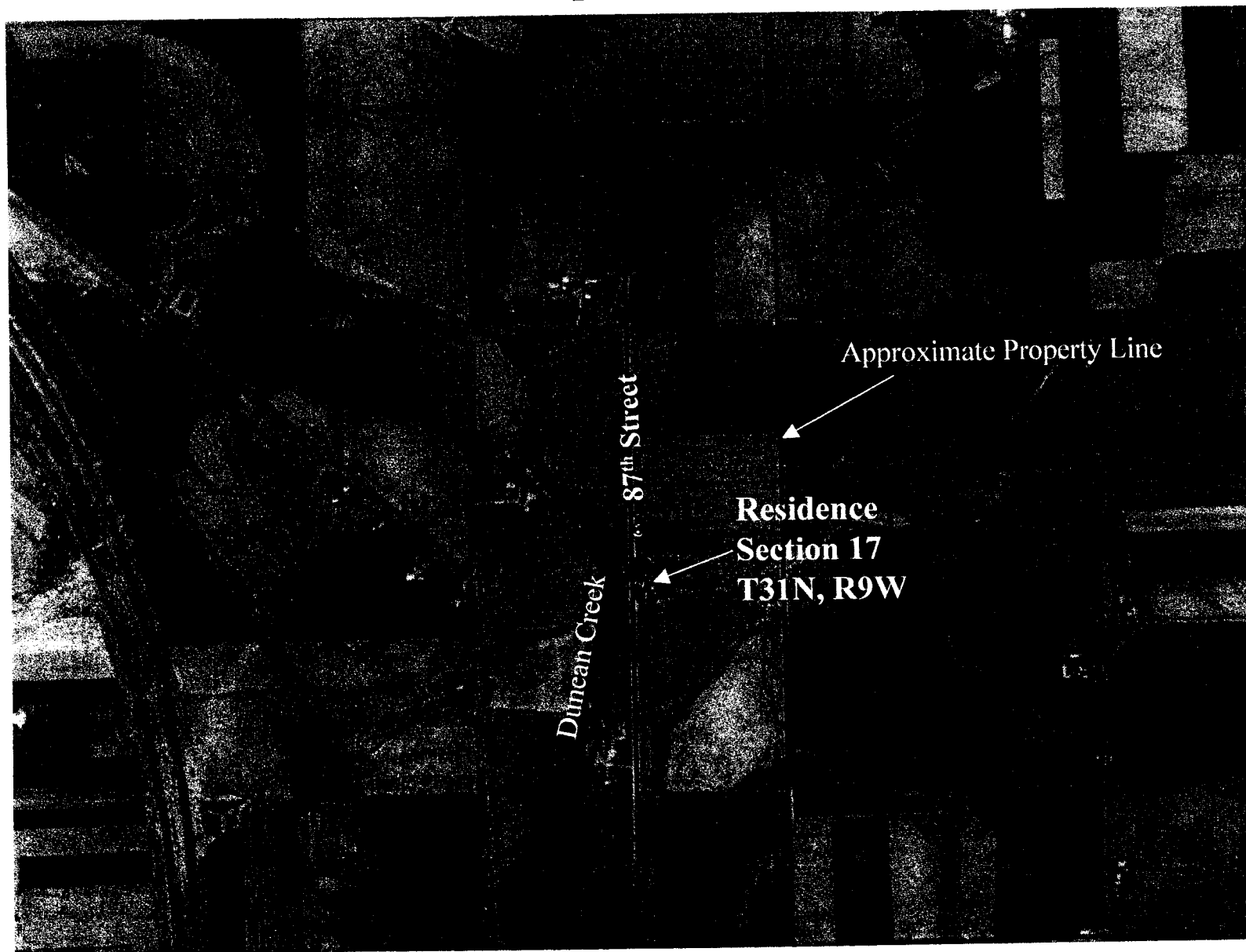


Image Source: USGS Terraserver Website
Photograph Date: April 1998

Mona Marquardt Residence

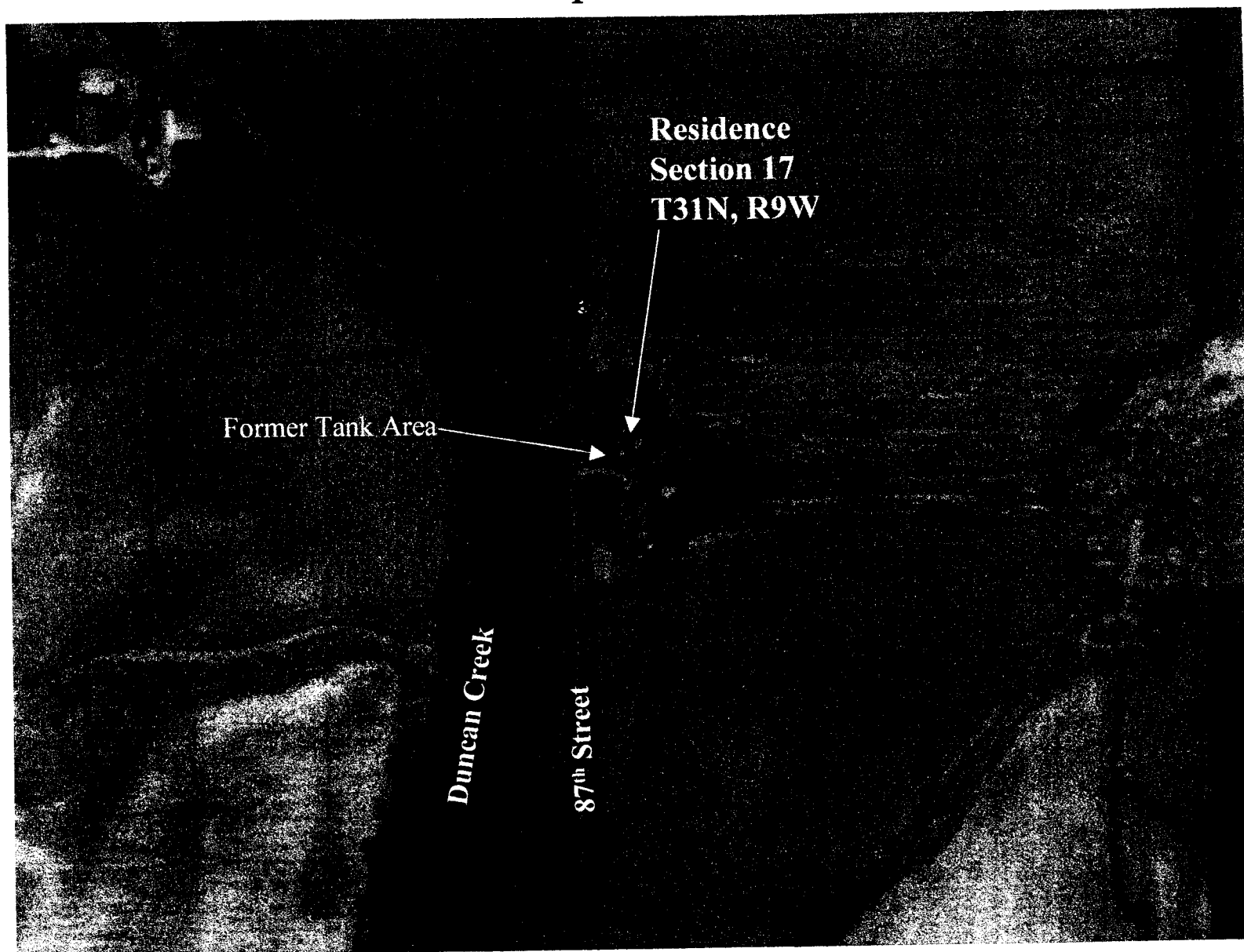


Image Source: USGS Terraserver Website
Photograph Date: April 1998

Table 2
Marquardt Residence
Bloomer, Wisconsin

Ayres Associates Ground Water Analytical Results

Sample Collection Date --->	September 19, 2002	May 7, 2003		WDNR Ground Water Standards	
Volatile Organic Compounds	Tap Water (ug/L)	Tap Water (ug/L)	TMW* (ug/L)	NR 140 PAL (ug/L)	NR 140 ES (ug/L)
1,1,1,2-Tetrachloroethane	<0.26	<0.15	<0.92	7	70
1,1,1-Trichloroethane	<0.39	<0.18	<0.90	40	200
1,1,2,2-Tetrachloroethane	<0.13	<0.12	<0.20	0.02	0.2
1,1,2-Trichloroethane	<0.32	<0.25	<0.42	0.5	5
1,1-Dichloroethane	<0.35	<0.17	<0.75	85	850
1,1-Dichloroethene	<0.60	<0.21	<0.57	0.7	7
1,1-Dichloropropene	<0.43	<0.19	<0.75	NS	NS
1,2,3-Trichlorobenzene	<0.35	<0.35	<0.74	NS	NS
1,2,3-Trichloropropane	<0.42	<0.22	<0.99	12	60
1,2,4-Trichlorobenzene	<0.34	<0.43	<0.97	14	70
1,2,4, Trimethylbenzene	<0.31	<0.28	<0.97	see next	see next
1,3,5-Trimethylbenzene	<0.38	<0.29	<0.83	96***	480***
1,2-Dibromo-3-chloropropane	NA	<0.37	<0.87	0.02	0.2
1,2-Dibromoethane	<0.34	<0.27	<0.56	0.005	0.05
1,2-Dichlorobenzene	<0.32	<0.28	<0.83	60	600
1,2-Dichloroethane	<0.41	<0.16	<0.36	0.5	5
1,2-Dichloropropane	<0.32	<0.14	<0.46	0.5	5
1,3-Dichlorobenzene	<0.41	<0.29	<0.87	125	1250
1,3-Dichloropropane	<0.37	<0.13	<0.61	NS	NS
1,4-Dichloropropane	NA	<0.34	<0.95	NS	NS
2,2-Dichloropropane	<0.43	<0.21	<0.62	NS	NS
2-Chlorotoluene	<0.37	<0.18	<0.85	NS	NS
4-Chlorotoluene	<0.37	<0.28	<0.74	NS	NS
Benzene	<0.40	<0.19	<0.41	0.5	5
Bromobenzene	<0.35	<0.21	<0.82	NS	NS
Bromochloromethane	<0.36	<0.10	<0.97	NS	NS
Bromoform	<0.35	<0.21	<0.56	0.44	4.4
Bromomethane	<0.30	<0.27	<0.94	1	10
Carbon Tetrachloride	<0.42	<0.41	<0.91	0.5	5
Chlorobenzene	<0.36	<0.17	<0.49	NS	NS
Chlorodibromomethane	<0.32	<0.21	<0.41	NS	NS
Chloroethane	<0.47	<0.10	<0.81	80	400
Chloroform	<0.40	<0.099	<0.97	0.6	6
Chloromethane	<0.40	<0.14	<0.37	0.3	3
cis-1,2-Dichloroethene	<0.41	<0.26	<0.24	7	70
cis-1,3-Dichloropropene	<0.10	<0.16	<0.83	NS	NS
Dibromomethane	<0.37	<0.17	<0.19	NS	NS
Dichlorodifluoromethane	<0.38	<0.38	<0.60	200	1000
Diisopropyl Ether	NA	<0.25	<0.99	NS	NS
Ethylbenzene	<0.37	<0.21	<0.76	140	700
Fluorotrichloromethane	NA	<0.11	<0.54	698	3490
Hexachlorobutadiene	<0.32	<0.30	<0.79	0.1	1
Isopropylbenzene	<0.41	<0.19	<0.67	NS	NS
Methylene Chloride	<0.86	<0.29	<0.59	NS	NS
Methyl-tert-butyl-ether	<0.29	<0.20	<0.61	12	60
Naphthalene	<0.35	<0.26	<0.74	8	40
n-Butylbenzene	NA	<0.43	<0.93	NS	NS
n-Propylbenzene	<0.34	<0.26	<0.81	NS	NS
p-Isopropyltoluene	NA	<0.27	<0.67	NS	NS
sec-Butylbenzene	NA	<0.26	<0.89	NS	NS
Styrene	<0.40	<0.21	<0.86	10	100
tert-Butylbenzene	NA	<0.19	<0.97	NS	NS
Tetrachloroethene	<0.34	<0.26	<0.45	0.5	5
Toluene	NA	<0.17	<0.67	0.0002	0.001
trans-1,2-Dichloroethene	<0.34	<0.21	<0.89	NS	NS
trans-1,3-Dichloropropene	NA	<0.59	<0.19	NS	NS
Trichloroethene	<0.35	<0.20	<0.48	0.5	5
Vinyl Chloride	<0.16	<0.11	<0.18	0.02	0.2
Xylene, o	NA	<0.19	<0.83	see next	see next
Xylenes, m + p	<1.2**	<0.36	<1.8	0.001**	0.01**
Diesel Range Organics	<59	NA	330	NS	NS

*TMW = Water Sample Collected from Hand Auger Soil Boring

** = Value equals total xylenes

*** = Value equals 1,2,4- and 1,3,5 - trimethylbenzene

NA = Not Analyzed

TABLE 1
SOIL ANALYTICAL RESULTS
MARQUARDT RESIDENCE

Boring	Sample Location	Date	FID Response (i.u.s.)	DRO (mg/kg)	GRO (mg/kg)	Benzene (mg/kg)	Ethylbenzene (mg/kg)	Toluene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	1,2,4-Trimethylbenzene (mg/kg)	1,3,5-Trimethylbenzene (mg/kg)	Polycyclic Aromatic Hydrocarbons (PAHs)**				
													Acenaphthylene (mg/kg)	Benzo(a)pyrene (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(k)fluoranthene (mg/kg)	Naphthalene (mg/kg)
HA-1-7	7 foot depth	9/19/2002	90	680*	280*	<0.10	<0.13	<0.11	<0.38	<0.12	1.4	1.4	--	--	--	--	--
CS-1	West Sidewall	11/15/2002	40	190	--	<0.025	<0.025	<0.025	0.106	<0.025	0.45	0.12	--	--	--	--	2.1
CS-2	South Sidewall	11/15/2002	1	<4.4	--	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	--	--	--	--	<0.025
CS-3	East Sidewall	11/15/2002	4	<4.8	--	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	--	--	--	--	<0.025
CS-4	North Sidewall	11/15/2002	92	1700	--	<0.025	0.36	<0.025	0.14	<0.025	3.1	1.7	--	--	--	--	24
CS-5	Bottom	11/15/2002	30	370	--	<0.025	<0.025	<0.025	0.032	<0.025	0.17	0.17	0.12	0.0047	0.0034	0.0054	3.3
NR 720.09 Soil Cleanup Standard				100	100	0.0055	2.9	1.5	4.1	NS	NS	NS	NS	NS	NS	NS	NS
WDNR Soil Cleanup Standards for PAHs (ground water pathway)				NS	NS	NS	NS	NS	NS	NS	NS	NS	0.7	48	360	870	0.4
NR 746 Soil Risk Screening Criteria for Soil				NS	NS	8.5	4.6	38	42	NS	83	11	NS	NS	NS	NS	2.7

* = Significant peaks were detected in chromatographic window

** = Only PAHs with detects were tabulated, please refer to lab sheets

-- = Not analyzed

 = Exceeds WDNR Standards listed above

< = Less than the detection limit shown

i.u.s. = Instrument units

mg/kg = Milligrams per kilogram, equivalent to parts per million (ppm)

NS = No standard

MTBE = Methyl-tert-butyl ether

RECEIVED
JAN 17 2003
AYRES ASSOCIATES

Statement

The legal description and deed sent to Ayres Associates, describing the contaminated property of the Marquardt residence is complete and accurate.

Mona Marquardt

Mona Marquardt
22103 87th Street
Bloomer, Wisconsin 54724
715-568-2482

1/16/03
Date